

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

U 014681-4

10/749,932

APPLICANT

Prasad K. Deshpande, et al.

FILING DATE

GROUP

12/31/2003

1614

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
CA	AA	4,563,459	01/1986	Groher et al.	
CA	AB	3,845,770	11/1974	Theeuwes et al.	
CA	AC	3,916,899	11/1975	Theeuwes et al.	
CA	AD	3,536,809	10/1970	Applezweig	
CA	AE	3,598,123	08/1971	Zaffaroni	
CA	AF	4,008,719	02/1977	Theeuwes et al.	
CA	AG	6,514,986	02/2003	de Souza et al.	
CA	AH	6,136,806	10/2000	Hittel	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
CA	AJ	9414794	07/1994	WO		X
CA	AK	6-145167	05/1994	JP		X
CA	AL	9415938	07/1994	WO		
CA	AM	98/58923	12/1998	WO		X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

CA	AO	Asahina, Y. et al. "Recent advances in structure activity relationships in new quinolones", <i>Prog. Drug Res.</i> (1992), 38: 57-106
CA	AP	Japanese patent application 6-145167, dated May 24, 1994
CA	AQ	Cooper, C.S. et al. "Preparation and in Vitro and in Vivo Evaluation of Quinolones with Selective Activity against Gram Positive Organisms", <i>J. Med. Chem.</i> 1392-1398
CA	AR	English abstract of WO 98/58923, dated December 30, 1998
CA	AS	English abstract of WO 94/14794, dated July 7, 1994
CA	AT	Chemical Abstracts 136:147733

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OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

CA	AA	Chemical Abstracts 134:141378
CA	AB	Chemical Abstracts 134:141377
CA	AC	Chemical Abstracts 135: 300896
CA	AD	Chemical Abstracts 130: 322834
CA	AE	Chemical Abstracts 129:339430
CA	AF	Chemical Abstracts 129:310840
CA	AG	Chemical Abstracts 129:245024
CA	AH	Chemical Abstracts 129: 239390
CA	AI	Chemical Abstracts 127: 358825
CA	AJ	Chemical Abstracts 123: 164953
CA	AK	Chemical Abstracts 124: 86783
CA	AL	Chemical Abstracts 124: 170377
CA	AM	Chemical Abstracts 124:343084
CA	AN	Chemical Abstracts 127: 302924
CA	AO	Chemical Abstracts 131: 153420
CA	AP	Chemical Abstracts: 136:2738

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CA	AA	6,329,391	12/2001	Ledoussal et al.	
CA	AB	4,382,892	05/1983	Hayakawa et al.	
CA	AC	5,859,026	01/1999	Ito et al.	
CA	AD	5,889,009	05/1999	Miyake et al.	
CA	AE	6,121,285	09/2000	Takemura et al.	
CA	AF	6,184,388	02/2001	Takemura et al.	
CA	AG	3,984,403	10/1976	Fujisawa et al.	

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
CA	AH	0394553	06/1995	EP	
CA	AI	0572259	12/1993	EP	
CA	AJ	0287951	10/1988	EP	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	European Patent Specification 0394553 B1, dated June 21, 1995
CA	AL	Alsina J. et al. "Active Carbonate Resins for Solid-Phase Synthesis Through the Anchoring of a Hydroxyl Function. Synthesis of Cyclic and Alcohol Peptides", <i>Tetrahedron Letters</i> , (1997), 38(5): 883-886
CA	AM	Edwards W.B. et al. "Generally Applicable, Convenient Solid-Phase Synthesis and Receptor Affinities of Octreotide Analogs", <i>J. Med. Chem.</i> , (1994), 37(22): 3749-3757
CA	AN	Dhople, A.M. and M.A. Tbanez. "In vivo susceptibility of mycobacterium leprae to ofloxacin either singly or in combination with Rifampicin and Rifabutin", <i>Arzneimittel-Forschung</i> , (1994), 44(4): 563-565
CA	AO	Haustein U.F. et al. "Topical quinolone nadifloxacin (OPC-7251) in bacterial skin disease: clinical evaluation in a multicenter open trial and in vitro antimicrobiological susceptibility testing", <i>J. Dermatological Treatment</i> , (1997), 8: 87-92
CA	AP	Hashimoto, Koji et al. "A Practical Synthesis of (S)-(-)-Nadifloxacin: Novel Acid-Catalyzed Racemization of Tetrahydroquinaldine Derivative", <i>Chem. Pharm. Bull.</i> , (1996), 44(4): 642-645
CA	AQ	Irish, D. et al. "Control of an outbreak of an epidemic methicillin-resistant <i>Staphylococcus aureus</i> also resistant to mupirocin", <i>J. Hospital Infection</i> , (1996), 39: 19-26

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
CA	AA	4,642,355	02/1987	Nakamura et al.	
CA	AB	4,051,247	09/1977	Schuppan et al.	
CA	AC	3,924,042	12/1975	Gerster et al.	
CA	AD	3,985,882	10/1976	Gerster et al.	
CA	AE	4,399,134	08/1983	Ishikawa et al.	
CA	AF	4,404,207	09/1983	Stern et al.	
CA	AG	4,416,884	11/1983	Ishikawa et al.	

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
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CA	AH	0304087	02/1989	EP	
CA	AI	0241206	10/1987	EP	
CA	AJ	9914214	03/1999	WO	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	Kido, M. et al. "Crystal Structures of Nadifloxacin Anhydride and its Hemihydrate", <i>Chem. Pharm. Bull.</i> , (1994), 42(4):872-876
CA	AL	Takahashi et al. "Reduction of in vitro Clastogenicity Induced by the Mixture of Optical Isomers of Nadifloxacin during Storage", <i>Arzneim.-Forsch./Drug Res.</i> , (1995), 45(1): 195-197
CA	AM	Sloan et al. "Definition and attainment of high purity of organic compounds", Chapter 2, 179-182, <i>Physics and Chemistry of the Organic Solid State</i> , eds. D. Fox, Labes and Weissberer. Interscience Publishers, London. 1963
CA	AN	Morita, S. et al. "An efficient synthesis of a key determinate towards (S)-(-)-Nadifloxacin", <i>Tetrahedron: Asymmetry</i> , (1995), 6(1): 245-254
CA	AO	Morita, S. et al. "Synthesis and Antibacterial Activity of the Metabolites of 9-Fluoro-6,7-dihydro-8-(4-hydroxy-1-piperidyl)-5-methyl-1-oxo-1H,5H-benzo[<i>i,j</i>]quinolizine-2-carboxylic acid (OPC-7251)", <i>Chem. Pharm. Bull.</i> , (1990), 38(7): 2027-2029
CA	AP	Ishikawa, H. et al. "Studies on Antibacterial agents. I. Synthesis of Substituted 6,7-Dihydro-1-oxo-1H,5H-benzo[<i>i,j</i>]quinolizine-2-carboxylic acids", <i>Chem. Pharm. Bull.</i> , (1989), 37(8): 2103-2108
CA	AQ	English translation of Yamada, Hirao et al. "Evaluation of the <i>in vitro</i> drug efficacy of Nadifloxacin Cream", <i>Iyakuhin Kenkyu</i> , (2000), 31(8): 519-524

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CA	AA	4,443,447	04/1984	Gerster et al.	
CA	AB	4,472,406	09/1984	Gerster et al.	
CA	AC	4,472,407	09/1984	Stern et al.	
CA	AD	4,535,161	08/1985	Hayakawa et al.	
CA	AE	4,552,879	11/1985	Ishikawa et al.	
CA	AF	4,594,347	06/1986	Ishikawa et al.	
CA	AG	4,599,418	07/1986	Irikura et al.	

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
CA	AH	02131483	05/1990	JP		
CA	AI	02188589	07/1990	JP		
CA	AJ	0018404	04/2000	WO		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	English abstract of Japanese patent 02131483, dated May 21, 1990
CA	AL	English abstract of Japanese patent 02188589, dated July 24, 1990
CA	AM	English translation of Yamada, Hiroaki, et al. "Bioequivalency of 1% Nadifloxacin lotion and 1% of Nadifloxacin cream", <i>Iyakuhin Kenkyu</i> , (2000), 31(8): 525-528
CA	AN	Berge, Stephen M. et al. "Pharmaceutical Salts", <i>J. Pharmaceutical Sciences</i> , (1977), 66(1): 1-19
CA	AO	Abstract of Koike, M. et al. <i>Iyakuhin Kenkyu</i> , (1990), 21(5): 998-1021
CA	AP	Abstract of Koike, M. et al. <i>Iyakuhin Kenkyu</i> , (1990), 21(5): 1022-1033
CA	AQ	Abstract of Fujita, S. et al. <i>Iyakuhin Kenkyu</i> , (1990), 21(6): 1156-1176

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CA	AA	5,185,337	02/1993	Fujii et al.	
CA	AB	6,034,100	03/2000	Adachi et al.	
CA	AC	4,935,420	06/1990	Ueda et al.	
CA	AD	5,639,886	06/1997	Zerbes et al.	
CA	AE	5,869,661	02/1999	Ochi et al.	
CA	AF	4,638,067	01/1987	Culbertson et al.	
CA	AG	4,665,079	05/1987	Culbertson et al.	

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
CA	AH	0185095	11/2001	WO		
CA	AI	0908181	04/1999	EP		
CA	AJ	9420105	09/1994	WO		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	Abstract of Koike, M. et al. <i>Yakubutsu Dotai</i> , (1990), 5(2): 199-208
CA	AL	Abstract of Yasuo, A. et al. <i>Yakuri to Chiryo</i> , (1990), 18(4): 1717-1730
CA	AM	Abstract of Hayakawa, R. et al. <i>Hifu</i> , (1990), 32(2): 217-230
CA	AN	Abstract of Asada, Y. et al. <i>Yakuri to Chiryo</i> , (1990), 18(4): 1717-1730
CA	AO	Abstract of Awogi, T. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(4): 626-635
CA	AP	Abstract of Matsuzawa, A. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(4): 636-646
CA	AQ	Abstract of Nagao, T. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(4): 647-662

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CA	AA	4,822,801	04/1989	Domagala et al.	
CA	AB	5,097,032	03/1992	Domagala et al.	
CA	AC	5,051,509	09/1991	Nagano et al.	
CA	AD	5,607,942	03/1997	Petersen et al.	
CA	AE	5,677,316	10/1997	Ao et al.	
CA	AF	4,777,175	10/1988	Culbertson et al.	
CA	AG	4,874,764	10/1989	Ueda et al.	

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					YES NO
CA	AH	9744034	11/1997	WO	
CA	AI	05339238	12/1993	JP	
CA	AJ	58090511	05/1983	JP	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	English abstract of WO 97/44034, dated November 27, 1997
CA	AL	English abstract of JP 5339238, dated December 21, 1993
CA	AM	English abstract of JP 58090511, dated May 30, 1983
CA	AN	Abstract of Matsuzawa, A. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(4): 663-670
CA	AO	Abstract of Hashimoto, K. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(4): 671-677
CA	AP	Abstract of Furukawa, M. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(5): 989-997
CA	AQ	Abstract of Yoshimura, S. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(5): 1034-1052

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CA	AE	3,598,123	08/1971	Zaffaroni	
CA	AF	4,008,719	02/1977	Theeuwes et al.	
CA	AG	5,436,367	07/1995	Iwata et al.	

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CA	AI	57081486	05/1982	JP	
CA	AJ	57176987	10/1982	JP	

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CA	AK	English abstract of JP 63192753, dated August 10, 1988
CA	AL	English abstract of JP 57081486, dated May 21, 1982
CA	AM	English abstract of JP 57176987, dated October 30, 1982
CA	AN	Abstract of Nakagiri, N. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(6): 1144-1155
CA	AO	Abstract of Aoki, M. et al. <i>Iyaku hin Kenkyu</i> , (1990), 21(6): 1177-1202
CA	AP	Abstract of Matsuzawa, A. et al. <i>Iyaku hin Kenkyu</i> , (1991), 22(1): 61-76
CA	AQ	Abstract of Kurokawa, I. et al. <i>J. Am. Acad. Dermatol.</i> , (1991), 25(4): 674-681

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CA	AB	4,997,943	03/1991	Iwata et al.	
CA	AC	5,290,934	03/1994	Ueda et al.	
CA	AD	5,420,140	05/1995	Perrin	
CA	AE	4,935,420	06/1990	Ueda et al.	
CA	AF	4,880,806	11/1989	Ueda et al.	
CA	AG	4,894,458	01/1990	Masuzawa et al.	

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CA	AH	02188570	07/1990	JP	
CA	AI	0068229	11/2000	WO	
CA	AJ	0185728	11/2001	WO	

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CA	AK	English abstract of JP 02188570, dated July 24, 1990
CA	AL	Abstract of Bojar, R.A. et al. <i>Journal of Investigative Dermatology</i> , (1994), 103(3): 405
CA	AM	Abstract of Smith, C.M. <i>Journal of Investigative Dermatology</i> , (1997), 108(3): 123
CA	AN	Abstract of Hayakawa, R. et al. <i>Hifu</i> , (1998), 40(2): 165-171
CA	AO	Abstract of Fujio, N. et al. <i>Yakuri to Chiryō</i> , (1998), 26(7): 1119-1132
CA	AP	Kido, M. et al. "The Absolute Configuration of (R)-(+)-Nadifloxacin", <i>Chem. Pharm. Bull.</i> , (1996), 44(2): 421-423
CA	AQ	Miller, M.A. et al. "Development of Mupirocin Resistance Among Methicillin-Resistant <i>Staphylococcus aureus</i> After Widespread Use of Nasal Mupirocin Ointment", <i>Infection Control and Hospital Epidemiology</i> , (1996), 17(12): 811-813

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CA	AH	9926940	06/1999	WO		X
CA	AI	0919553	06/1999	EP		
CA	AJ	0230295	07/1987	EP		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	English abstract of WO99/26940, dated June 3, 1999
CA	AL	Mateu-de-Antonio, E.M. and M. Martín. "In vitro efficacy of several antimicrobial combinations against <i>Brucella canis</i> and <i>Brucella mlitensis</i> strains isolated from dogs", <i>Veterinary Microbiology</i> , (1995), 45: 1-10
LA	AM	Nishijima, S. et al. "Sensitivity of <i>Staphylococcus aureus</i> , Isolated from Skin Infections in 1994, to 19 Antimicrobial Agents", <i>J. International Medical Research</i> , (1995), 23: 328-334
CA	AN	Nishijima, S. et al. "Activity of Eight Fluoroquinolones against Both Methicillin-Susceptible and -Resistant <i>Staphylococcus aureus</i> Isolated from Skin Infections", <i>J. Dermatology</i> , (1995), 22: 153-155
CA	AO	Nishijima, S. et al. "Activity of Nadifloxacin Against Methicillin-Resistant <i>Staphylococcus aureus</i> Isolated from Skin Infections: Comparative Study with Seven Other Fluoroquinolones", <i>J. International Medical Research</i> , (1996), 24: 12-16
CA	AP	Nishijima, S. et al. "Sensitivity of <i>Staphylococcus aureus</i> and <i>Streptococcus pyogenes</i> Isolated from Skin Infections in 1992 to Antimicrobial Agents", <i>J. Dermatology</i> , (1994), 21: 233-238
CA	AQ	Abstract of Kurokawa, I. et al. <i>European Journal of Dermatology</i> , (1999), 9(1): 25-28

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
CA	AH	0209758	02/2002	WO		
CA	AI	0541086	05/1993	EP		
CA	AJ	0342675	11/1989	EP		

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

CA	AK	Abstract of Komagata, Y. et al. <i>Japanese Journal of Antibiotics</i> , (1998), 51(2): 130-136
CA	AL	Abstract of Gollnick, H. et al. <i>Dermatology</i> , (1998), 196(1): 119-125
CA	AM	Abstract of Nishijima, S. et al. <i>J. International Medical Research</i> , (1997), 25(4): 210-213
CA	AN	Abstract of Akamatsu, H. et al. <i>J. International Medical Research</i> , (1995), 23(1): 19-26
CA	AO	Abstract of Takahashi, N. et al. <i>Arzneimittel-Forschung</i> , (1995), 45(2): 195-197
CA	AP	Abstract of Takahashi, N. et al. <i>Arzneimittel-Forschung</i> , (1994), 44(11): 1265-1268
CA	AQ	Abstract of Patel, M.V. et al. 39 th ICAAC at San Diego, (Sept. 26-29, 1999), Poster No. F0558

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	U 014681-4	10/749,932
	APPLICANT	
	Prasad K. Deshpande, et al.	
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	12/31/2003	1614

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					YES	NO
CA	AH	9731000	08/1997	WO	/	/
CA	AI	0300735	01/1989	EP	/	/
CA	AJ	9724128	07/1997	WO	/	/

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CA	AK	Chemical Abstract: Doc. No. 123-334723. Vogt, K. et al. <i>Drugs</i> (1995), 49 (Supp.2): 266-268
CA	AL	Chemical Abstract: Doc. No. 123:334716. Nishijima, S. et al. <i>Drugs</i> (1995), 49 (Supp.2): 230-232
CA	AM	Chemical Abstract: Doc. No. 124: 21098. Bojar, R.A. et al. <i>Drugs</i> (1995), 49 (Supp.2): 164-167
CA	AN	Chemical Abstract: Doc. No. 122:213914. Morita, S. et al. <i>Tetrahedron: Asymmetry</i> (1995), 6(1): 245-254
CA	AO	Chemical Abstract: Doc. No. 119: 4810. Vogt, K. et al. <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> (1992), 11(10): 943-945
CA	AP	Chemical Abstract: Doc. No. 113:231188. Morita, S. et al. <i>Chem. Pharm. Bull.</i> (1990), 38(7): 2027-2029
CA	AQ	Chemical Abstract: Doc. No. 112: 229223. Muto, N. et al. <i>J. Immunoassay</i> (1990), 11(1): 1-16

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					YES	NO
CA	AH	9414794	07/1994	WO	1	X
CA	AI	6-145167	05/1994	JP		
CA	AJ	9415938	07/1994	WO	1	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)		
CA	AK	English abstract of WO 94/14794, dated July 7, 1994
CA	AL	Japanese patent 6-145167, dated May 24, 1994
CA	AM	Chemical Abstract: Doc. No. 112: 191305. Koike, M. et al. <i>J. Chromatogr.</i> (1990), 526(1): 235-239
CA	AN	Chemical Abstract: Doc. No. 112: 178631. Ishikawa, H. et al. <i>Chem. Pharm. Bull.</i> (1989), 37(8): 2103-2108
CA	AO	Chemical Abstract: Doc. No. 112:52083. Kawabata, S. et al. <i>Chemotherapy</i> (1989), 37(9): 1160-1178
CA	AP	Abstract of Iwahara, K. et al. <i>European Journal of Dermatology</i> , (1999), 9(4): 276-277
CA	AQ	Abstract of Radl, S. <i>Archiv der Pharmazie</i> , (1996), 329(3): 115-119

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					YES	NO
CA	AH	9858923	12/1998	WO		X
CA	AI	03/099815	12/2003	WO	X	
CA	AJ	02/09758	2/2002	WO	X	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

CA	AK	Abstract of Andriole, V.T. <i>Drugs</i> , (1993), 46 (Supp.3): 1-7				
CA	AL	Ball, Peter. "The Quinolones: History and Overview", Chapter 2, pages 1-28. <u>The Quinolones</u> , Second Edition. Academic Press, 1998				
CA	AM	English abstract of WO 98/58923, dated December 30, 1998				
CA	AN	Domagala, John M. "Structure-activity and structure-side-effect relationships for the quinolone antibacterials", <i>J. Antimicrobial Chemotherapy</i> (1994), 33: 685-706				
CA	AO	Suto, M.J. et al. "Fluoroquinolones: Relationships between Structural Variations, Mammalian Cell Cytotoxicity and Antimicrobial Activity", <i>J. Med. Chem.</i> , (1992), 35: 4745-4750				
CA	AP	Abstract of Yamakawa, T. et al. <i>J. Antimicrobial Chemotherapy</i> , (2002), 49(3): 455-465				
CA	AQ	Hooper, David C. "Mechanisms of fluoroquinolone resistance", <i>Drug Resistance Update</i> , (1999), 2: 38-55				

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CA	AH	01/85095	11/2001	WO	X
CA	AI	00/68229	11/2000	WO	X
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CA	AK	Ince, Dilek and David C. Hooper. "Mechanisms and Frequency of Resistance to Gatifloxacin in Comparison to AM-1121 and Ciprofloxacin in <i>Staphylococcus aureus</i> ", <i>Antimicrobial Agents and Chemotherapy</i> , (2001), 45(10): 2755-2764
CA	AL	Fournier, B. and David C. Hooper. "Mutations in Topoisomerase IV and DNA Gyrase of <i>Staphylococcus aureus</i> : Novel Pleiotropic Effects on Quinolone and Coumarin Activity", <i>Antimicrobial Agents and Chemotherapy</i> , (1998), 42(1): 121-128
CA	AM	Zhao, Xilin et al. "Killing of <i>Staphylococcus aureus</i> by C-8-Methoxy Fluoroquinolones", <i>Antimicrobial Agents and Chemotherapy</i> , (1998), 42(4): 956-958
CA	AN	Breines, David M. et al. "Quinolone Resistance Locus <i>nfxD</i> of <i>Escherichia coli</i> Is a Mutant Allele of the <i>parE</i> Gene Encoding a Subunit of Topoisomerase IV", <i>Antimicrobial Agents and Chemotherapy</i> , (1997), 41(1): 175-179
CA	AO	Fournier, B. and David C. Hooper. "Expression of the Multidrug Resistance Transporter NorA from <i>Staphylococcus aureus</i> Is Modified by a Two-Component Regulatory System", <i>J. Bacteriology</i> , (2000), 182(3): 664-671
CA	AP	Mandell, Lionel A. et al. "Antimicrobial Safety and Tolerability: Differences and Dilemmas", <i>CID</i> , (2001), 32 (Suppl.1): S72-S79
CA	AQ	Gootz, Thomas D. and Katherine E. Brighty. "Chemistry and Mechanism of Action of the Quinolone Antibacterials", Chapter 2, pages 29-80. <i>The Quinolones</i> , Second Ed. Academic Press, 1998

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					YES NO
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CA	AK	Takeuchi, T. et al. "Hydrophilicity of Quinolones Is Not an Exclusive Factor for Decreased Activity in Efflux-Mediated Resistant Mutants of <i>Staphylococcus aureus</i> ", <i>Antimicrobial Agents and Chemotherapy</i> , (1996), 40(8): 1835-1842
CA	AL	Zhao, Xilin et al. "DNA topoisomerase targets of the fluoroquinolones: A strategy for avoiding bacterial resistance", <i>Proc. Natl. Acad. Sci. USA</i> , (1997), 94: 13991-13996
CA	AM	Takei, M. et al. "Target Preference of 15 Quinolones against <i>Staphylococcus aureus</i> , Based on Antibacterial Activities and Target Inhibition", <i>Antimicrobial Agents and Chemotherapy</i> , (2001), 45(12): 3544-3547
CA	AN	Ince, Dilek and David C. Hooper. "Mechanisms and Frequency of Resistance to Premafloxacin in <i>Staphylococcus aureus</i> : Novel Mutations Suggestion Novel Drug-Target Interactions", <i>Antimicrobial Agents and Chemotherapy</i> , (2000), 44(12): 3344-3350
CA	AO	Oizumi, Nobuyuki et al. "Relationship between mutations in the DNA gyrase and topoisomerase IV genes and nadifloxacin resistance in clinically isolated quinolone-resistant <i>Staphylococcus aureus</i> ", <i>J. Infect. Chemother.</i> , (20010), 7: 191-194
CA	AP	Jaén-Oltra, José et al. "Artificial Neural Network Applied to Prediction of Fluoroquinolone Antibacterial Activity by Topological Methods", <i>J. Med. Chem.</i> , (2000), 43: 1143-1148
CA	AQ	Chu, Daniel T. W. et al. "Synthesis and Structure-Activity Relationships of Novel Arylfluoroquinolone Antibacterial Agents", <i>J. Med. Chem.</i> , (1985), 28: 1558-1564

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					YES NO
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CA	AK	Neu, Harold C. et al. "In Vitro Activity of Fleroxacin in Combination with Other Antimicrobial Agents", <i>The American Journal of Medicine</i> , (1993), 94 (Suppl. 3A): 3A-15S
CA	AL	Chin, N. X. and H. C. Neu. "Combination of Ofloxacin and Other Antimicrobial Agents", <i>Journal of Chemotherapy</i> , (1990), 2(6):343-347
CA	AM	Van der Auwera, P. et al. "Comparative <i>In Vitro</i> Activity of Ci 934, A New Fluoroquinolone, Alone and in Combination with Coumermycin Against Gram-Positive Bacteria", <i>Drugs Exptl. Clin. Res.</i> , (1987), XIII(3): 125-132
CA	AN	Asahina, Y. et al. "Recent advances in structure activity relationships in new quinolones", <i>Prog. Drug Res.</i> , (1992): 57-106
CA	AO	Udo, E. E. et al. "Emergence of high-level mupirocin resistance in methicillin-resistant <i>Staphylococcus aureus</i> in Western Australia", <i>J. Hospital Infection</i> , (1994), 26: 157-165
CA	AP	Bundgaard, Hans. "Design of prodrugs: Bioreversible derivatives for various functional groups and chemical entities", Chapter 1, pages 1-5. <u>Design of Prodrugs</u> . Hans Bundgaard, editor. Elsevier Science publishers, 1985
CA	AQ	Mergler, M. et al. "Proceedings of the 12 th American Peptide Symposium", reference cited on page 2 of EPA 09 53577

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